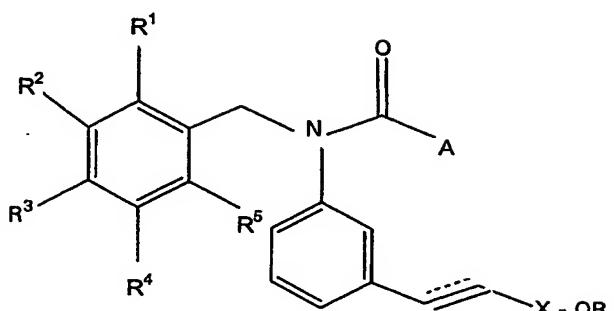


That which is claimed is:

1. A compound having the structure:



wherein:

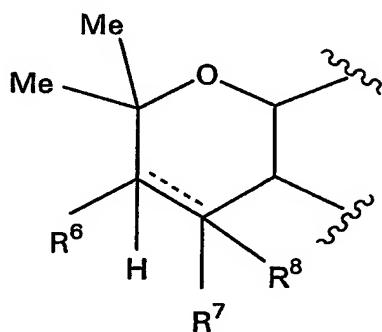
A is a C3 up to C8 branched chain alkyl or substituted alkyl group, a C3 up to C7 cycloalkyl or substituted cycloalkyl, an optionally substituted aryl or an optionally substituted heteroaryl,

X is  $-\text{C}(\text{O})-$  or  $-\text{CH}_2-$ ,

R is methyl or ethyl,

$\text{R}^1$  is H, hydroxy, alkoxy, benzyloxy, mesityloxy, or  $-\text{OCH}_2\text{C}(\text{O})\text{OC}_2\text{H}_5$ ,

$\text{R}^2$  is H or  $\text{R}^2$  can cooperate with  $\text{R}^3$  to form a benzopyran, wherein the pyran ring has the structure:



wherein:

$\text{R}^6$  is not present if the pyran ring is unsaturated, or, if present, is selected from H,  $-\text{OR}$ , wherein R is alkyl or acyl, or  $\text{R}^6$  can cooperate with  $\text{R}^7$  to form a cyclic acetal, a cyclic ketal, or a cyclopropyl moiety, and

only one of R<sup>7</sup> and R<sup>8</sup> is present if the pyran ring is unsaturated, or R<sup>7</sup> and R<sup>8</sup> are independently H, carboxyl, cyano, hydroxy, alkoxy, thioalkyl, aryl, or R<sup>7</sup> and R<sup>8</sup> taken together comprise a carbonyl oxygen or an oxime nitrogen, or either R<sup>7</sup> or R<sup>8</sup> can cooperate with R<sup>6</sup> to form a cyclic acetal, a cyclic ketal, or a cyclopropyl moiety, R<sup>3</sup> can cooperate with R<sup>2</sup> to form a benzopyran having the structure set forth above, or R<sup>3</sup> is alkenyl, optionally substituted aryl or heteroaryl, or optionally substituted arylalkenyl or heteroarylalkenyl,

R<sup>4</sup> is H or hydroxy, and

R<sup>5</sup> is H, hydroxy, alkoxy or aryloxy.

2. The compound of claim 1 wherein R<sup>2</sup> and R<sup>3</sup> cooperate to form a benzopyran.

3. The compound of claim 2 wherein A is cyclopropyl, X is -C(O)-, R<sup>1</sup> is methoxy, R<sup>6</sup> and R<sup>7</sup> are absent, and R<sup>4</sup>, R<sup>5</sup> and R<sup>8</sup> are hydrogen.

4. The compound of claim 2 wherein A is cyclopropyl, X is -CH<sub>2</sub>-, R<sup>1</sup> is methoxy, R<sup>6</sup> and R<sup>7</sup> are absent, and R<sup>4</sup>, R<sup>5</sup> and R<sup>8</sup> are hydrogen.

5. The compound of claim 2 wherein A is cyclohexyl, X is -C(O)-, R<sup>1</sup> is methoxy, R<sup>6</sup> and R<sup>7</sup> are absent, and R<sup>4</sup>, R<sup>5</sup> and R<sup>8</sup> are hydrogen.

6. The compound of claim 2 wherein A is phenyl, X is -C(O)-, R<sup>1</sup> is methoxy, R<sup>6</sup> and R<sup>7</sup> are absent, and R<sup>4</sup>, R<sup>5</sup> and R<sup>8</sup> are hydrogen.

7. The compound of claim 2 wherein A is phenyl, X is -C(O)-, R<sup>1</sup> is methoxy, R<sup>6</sup> and R<sup>7</sup> cooperate to form a dichlorocyclopropyl ring, and R<sup>4</sup>, R<sup>5</sup> and R<sup>8</sup> are hydrogen.

8. The compound of claim 2 wherein A is cyclohexyl, X is -C(O)-, R<sup>1</sup> is methoxy, R<sup>6</sup> and R<sup>7</sup> cooperate to form a dichlorocyclopropyl ring, and R<sup>4</sup>, R<sup>5</sup> and R<sup>8</sup> are hydrogen.

9. The compound of claim 1 wherein R<sup>3</sup> is alkenyl.

10. The compound of claim 9 wherein A is cyclohexyl, X is -C(O)-, R<sup>1</sup> R<sup>2</sup>, R<sup>4</sup> and R<sup>5</sup> are hydrogen, and R<sup>3</sup> is -CH=CH-C(O)-O-tBu.

11. The compound of claim 1 wherein R<sup>3</sup> is optionally substituted aryl or heteroaryl.

12. The compound of claim 11 wherein A is cyclohexyl, X is -C(O)-, R<sup>1</sup> R<sup>2</sup>, R<sup>4</sup> and R<sup>5</sup> are hydrogen, and R<sup>3</sup> is phenyl.

13. The compound of claim 11 wherein A is cyclohexyl, X is -C(O)-, R<sup>1</sup> R<sup>2</sup>, R<sup>4</sup> and R<sup>5</sup> are hydrogen, and R<sup>3</sup> is p-thiomethyl-phenyl.

14. The compound of claim 11 wherein A is cyclohexyl, X is -C(O)-, R<sup>1</sup> R<sup>2</sup>, R<sup>4</sup> and R<sup>5</sup> are hydrogen, and R<sup>3</sup> is m-methoxy-phenyl.

15. The compound of claim 11 wherein A is cyclohexyl, X is -C(O)-, R<sup>1</sup> R<sup>2</sup>, R<sup>4</sup> and R<sup>5</sup> are hydrogen, and R<sup>3</sup> is m-acetyl-phenyl.

16. The compound of claim 11 wherein A is cyclohexyl, X is -C(O)-, R<sup>1</sup> R<sup>2</sup>, R<sup>4</sup> and R<sup>5</sup> are hydrogen, and R<sup>3</sup> is 5-methyl-2-thiophene-yl.

17. The compound of claim 11 wherein A is cyclohexyl, X is -C(O)-, R<sup>1</sup> R<sup>2</sup>, R<sup>4</sup> and R<sup>5</sup> are hydrogen, and R<sup>3</sup> is 5-acetyl-2-thiophene-yl.

18. The compound of claim 11 wherein A is cyclohexyl, X is -C(O)-, R<sup>1</sup> R<sup>2</sup>, R<sup>4</sup> and R<sup>5</sup> are hydrogen, and R<sup>3</sup> is 4-dimethylamino-phenyl.

19. The compound of claim 11 wherein A is isopropyl, X is -C(O)-, R<sup>1</sup> R<sup>2</sup>, R<sup>4</sup> and R<sup>5</sup> are hydrogen, and R<sup>3</sup> is 4-dimethylamino-phenyl.

20. The compound of claim 11 wherein A is cyclohexyl, X is -C(O)-, R<sup>1</sup> R<sup>2</sup>, R<sup>4</sup> and R<sup>5</sup> are hydrogen, and R<sup>3</sup> is 2,3-(O-CH<sub>2</sub>-O)-phenyl.

21. The compound of claim 11 wherein A is isopropyl, X is -C(O)-, R<sup>1</sup> R<sup>2</sup>, R<sup>4</sup> and R<sup>5</sup> are hydrogen, and R<sup>3</sup> is 2,3-(O-CH<sub>2</sub>-O)-phenyl.

22. The compound of claim 1 wherein R<sup>3</sup> is or optionally substituted arylalkenyl or heteroarylalkenyl.

23. The compound of claim 22 wherein A is cyclohexyl, X is -C(O)-, R<sup>1</sup> R<sup>2</sup>, R<sup>4</sup> and R<sup>5</sup> are hydrogen, and R<sup>3</sup> is -CH=CH-phenyl.

24. The compound of claim 22 wherein A is isopropyl, X is -C(O)-, R<sup>1</sup> R<sup>2</sup>, R<sup>4</sup> and R<sup>5</sup> are hydrogen, and R<sup>3</sup> is -CH=CH-phenyl.

25. The compound of claim 22 wherein A is cyclohexyl, X is -C(O)-, R<sup>1</sup> R<sup>2</sup>, R<sup>4</sup> and R<sup>5</sup> are hydrogen, and R<sup>3</sup> is -CH=CH-p-methoxy-phenyl.

26. The compound of claim 22 wherein A is cyclohexyl, X is -C(O)-, R<sup>1</sup> R<sup>2</sup>, R<sup>4</sup> and R<sup>5</sup> are hydrogen, and R<sup>3</sup> is -CH=CH-o-fluoro-phenyl.

27. The compound of claim 22 wherein A is isopropyl, X is -C(O)-, R<sup>1</sup> R<sup>2</sup>, R<sup>4</sup> and R<sup>5</sup> are hydrogen, and R<sup>3</sup> is -CH=CH-o-fluoro-phenyl.

28. The compound of claim 22 wherein A is cyclohexyl, X is -C(O)-, R<sup>1</sup> R<sup>2</sup>, R<sup>4</sup> and R<sup>5</sup> are hydrogen, and R<sup>3</sup> is -CH=CH-m-fluoro-phenyl.

29. The compound of claim 22 wherein A is isopropyl, X is -C(O)-, R<sup>1</sup> R<sup>2</sup>, R<sup>4</sup> and R<sup>5</sup> are hydrogen, and R<sup>3</sup> is -CH=CH-m-fluoro-phenyl.

30. The compound of claim 22 wherein A is cyclohexyl, X is -C(O)-, R<sup>1</sup> R<sup>2</sup>, R<sup>4</sup> and R<sup>5</sup> are hydrogen, and R<sup>3</sup> is -CH=CH-p-fluoro-phenyl.

31. The compound of claim 22 wherein A is isopropyl, X is -C(O)-, R<sup>1</sup> R<sup>2</sup>, R<sup>4</sup> and R<sup>5</sup> are hydrogen, and R<sup>3</sup> is -CH=CH-p-fluoro-phenyl.

32. A formulation comprising at least one compound according to claim 1 in a pharmaceutically acceptable carrier therefor.